



# Agro-met Advisory Service bulletin for the District

## South 24 Parganas

(Period to 21<sup>st</sup> September to 25<sup>th</sup> September, 2018)

Issued jointly by GKMS, Kakdwip, BCKV and IMD



Bulletin No.:75/2018

Date: 20<sup>th</sup> September, 2018

Weather for last three days (17<sup>th</sup> September to 19<sup>th</sup> September, 2018)

|                            | 17/09/18 | 18/09/18 | 19/09/18 |  |
|----------------------------|----------|----------|----------|--|
| Rainfall (mm)              | 0.0      | 0.0      | 0.0      |  |
| Maximum Temperature ( °C ) | 34.0     | 34.0     | 33.5     |  |
| Minimum Temperature ( °C ) | 27.0     | 27.5     | 25.5     |  |
| Relative Humidity ( % )    | 86       | 89       | 85       |  |
| Wind Speed ( Km ph )       | 0        | 0        | 0        |  |

Weather for the preceding week (13<sup>th</sup> September to 19<sup>th</sup> September, 2018)

|                          |           |
|--------------------------|-----------|
| Rainfall (mm)            | 0.0       |
| Maximum Temperature (°C) | 34.0-34.5 |
| Minimum Temperature (°C) | 25.5-27.5 |
| Relative Humidity (%)    | 85-89     |
| Wind Speed ( Km ph )     | 0-1       |

Weather forecast for next five days (19<sup>th</sup> September to 23<sup>rd</sup> September, 2018)

- Very heavy rainfall is predicted on 21<sup>st</sup> and 22<sup>nd</sup> September and moderate to light rainfall is predicted in the remaining days.
- Sky will be overcast in the next five days.
- Wind speed will be 3.5-7.9 m/sec. and the predominant wind direction will be Southeasterly to South-Westerly.
- Maximum temperature is expected to be around 36.2<sup>o</sup>C -38.2<sup>o</sup>C and minimum temperature is likely to be around 27.4<sup>o</sup>C-30.2<sup>o</sup>C.
- Maximum and minimum relative humidity will be in the range of 87% -89% and 66% -81%.

### Weather based Agro-Advisories

| Crop         | Stage                  | Disease pest  | Advisory  |
|--------------|------------------------|---|---|
| (Aman paddy) | Active Tillering stage | Chance of sheath blight attack  | ---If sheath blight found above threshold level in case of high yielding aman paddy variety, spray kopiconazole@1.5ml/liter of water with sticker<br>--Closely observe the field every morning for any disease attack observation<br>--Keep the water level up to 2-3 inch only<br>--Weeding should be done at regular interval in both field and bund area also. |
| Betel vine   | Growing leaf stage     | Stem rot or phytophthora attack may take place due to occasional rain and high humidity | --Pluck the affected leaf from field<br>--Apply redomil@1.5ml/liter of water<br>--Drain out excess water and arrange proper aeration  |
| Brinjal      | Fruit bearing stage    | Phomopsis   | --Spray Bavistin @ 1g/liter of water<br>--Spraying operation should be done after five days   |
| Cattle       | At all stages          | foot and mouth disease  | --For foot and mouth disease wash the wound by potassium per manganet solution<br>--Keep the cow shed clean and dry<br>--Clean and disinfect the cowshed with bleaching powder  |
| Poultry      | Growers and layers     | Fungal attack   | --Apply lime on litter<br>--Avoid wet food only feed them dry food<br>--The thickness of litter should not be exceeded 11/2 inch  |